



# CVE-2016-5828

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2016-5828
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-06-27 10:59:00 UTC
<b>Updated</b>	2023-01-17 21:16:00 UTC
<b>Description</b>	The start_thread function in arch/powerpc/kernel/process.c in the Linux kernel through 4.6.3 on powerpc platforms mishand

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	12.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Novell</a>	<a href="#">Suse Linux Enterprise Real Time Extension</a>	12	sp1	All	All
Operating System	<a href="#">Novell</a>	<a href="#">Suse Linux Enterprise Real Time Extension</a>	12	sp1	All	All

## References

Reference	Source	Lir
oss-security - Re: CVE Request: Linux: powerpc/tm: Always reclaim in start_thread() for exec() class syscalls - Linux kernel	MLIST	<a href="#">ww</a>
USN-3070-2: Linux kernel (Raspberry Pi 2) vulnerabilities   Ubuntu	UBUNTU	<a href="#">ww</a>
[security-announce] SUSE-SU-2016:1937-1: important: Security update for	SUSE	<a href="#">list</a>
USN-3070-4: Linux kernel (Xenial HWE) vulnerabilities   Ubuntu	UBUNTU	<a href="#">ww</a>
USN-3071-2: Linux kernel (Trusty HWE) vulnerabilities   Ubuntu	UBUNTU	<a href="#">ww</a>

Red Hat Customer Portal	REDHAT	<a href="#">rhr</a>
USN-3071-1: Linux kernel vulnerabilities   Ubuntu	UBUNTU	<a href="#">ww</a>
Linux Kernel 'kernel/process.c' Local Denial of Service Vulnerability	BID	<a href="#">ww</a>
Debian -- Security Information -- DSA-3616-1 linux	DEBIAN	<a href="#">ww</a>
[v2,2/2] powerpc: tm: Always reclaim in start_thread() for exec() class syscalls - Patchwork	MISC	<a href="#">pa</a>
[security-announce] SUSE-SU-2016:2105-1: important: Security update for	SUSE	<a href="#">list</a>
USN-3070-1: Linux kernel vulnerabilities   Ubuntu	UBUNTU	<a href="#">ww</a>
[security-announce] openSUSE-SU-2016:2184-1: important: Security update	SUSE	<a href="#">list</a>
USN-3070-3: Linux kernel (Qualcomm Snapdragon) vulnerabilities   Ubuntu	UBUNTU	<a href="#">ww</a>
CVE Program record	CVE.ORG	<a href="#">ww</a>
NVD vulnerability detail	NVD	<a href="#">nv</a>

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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